

Chief, Contact Division

Att: Support Branch [redacted]

03 August 1964

BOS-133-64

Chief, Boston Office

Case 43,979

1. On 31 July 1964, in the company of [redacted]
we had an interview with [redacted]

[redacted] gave us the following outline of the general objectives
of [redacted]

- a. automatic analysis of data
- b. research and development work in the field of
time sharing on a computer
- c. design of low cost computer type displays
- d. film reading
- e. computer design.

2. [redacted] told us that his company is presently doing
extremely well in the sale of film reading equipment which they
have developed. The company did one and one-half million dollars
worth of business in film readers alone in June 1964. The
company's equipment reads 16 mm, 35 mm and 70 mm film. The equip-
ment which they now possess can read film to positional accuracies
of one part in one hundred thousand at speeds which permit the
examination of five hundred thousand points per second. According
to [redacted] the film reading process which his company has developed
permits map making that is ten thousand times as fast as is ac-
complished with present map making technology.

3. In the area of photo reconnaissance, [redacted] claims that
his film reader can point out interesting differences--e.g., the
presence of military vehicles in an area where there were none
before--between two pictures of the same area even though the two
pictures may have been taken under different light conditions,
weather conditions, and at different altitudes.

4. In the computer design field, [redacted] and his colleagues
have been working on an unusual computer design for a computer
which will run at higher computation rates than any known
machine. [redacted]

[redacted] has expressed interest in the machine and will probably
buy the design.

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5. The interview with [REDACTED] was very exciting. [REDACTED] who is a former student of [REDACTED] is one of those rare persons who operates at the cutting edge of the scientific and technical community. We feel that his activities should be of interest to Agency components who are interested in photo interpretation and computer analysis of data.

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6. [REDACTED] took some notes during our interview with [REDACTED] but we believe that he might appreciate our observations. Would you see to it that he gets a copy of this memo.

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[REDACTED] :im

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